

Listing of the Claims:

- 1 1. (Currently Amended) A press pad comprising a fabric that includes at least one of a
2 warp and a weft having a pattern of alternating types of thread, the pattern repeating
3 itself in the fabric,
4 ~~characterized in that~~wherein the pattern of alternating types of threads includes at
5 least two types of thread of different elasticities transverse to the thread axis, each
6 type of thread comprising a sheath made of an elastomeric material and a core with a
7 higher tensile strength than the sheath,
8 wherein a diameter of the sheath of the first type of thread is generally equal to a
9 diameter of the sheath of the second type of thread.
- 1 2. (Previously Presented) The press pad according to claim 1,
2 characterized in that the at least two types of thread have polymer material at least on
3 their lateral surfaces.
- 1 3. Cancelled.
- 1 4. (Previously Presented) The press pad according to claim 1,
2 characterized in that the at least two types of thread each are bunched or stranded
3 from fibers.
- 1 5. Cancelled.
- 1 6. (Previously Presented) The press pad according to claim 1,
2 characterized in that the core is essentially made of metal.

- 1 7. (Previously Presented) The press pad according to Claim 1,
2 characterized in that the core is essentially made of polyamide.
- 1 8. (Previously Presented) The press pad according to Claim 1,
2 characterized in that the core is essentially bunched or stranded from fibers.
- 1 9-10. Cancelled.
- 1 11. (Currently Amended) A press pad comprising:
2 at least one of a warp and a weft including a pattern of alternating types of threads
3 having differing elasticities transverse to a thread axis, each type of thread including a
4 core and a polymer material at least on its lateral surface; and
5 the weft interwoven with the warp, wherein the pattern of alternating types of threads
6 repeats itself,
7 wherein a diameter of the sheath of the first type of thread is generally equal to a
8 diameter of the sheath of the second type of thread.
- 1 12. (Previously Presented) The press pad according to claim 11, wherein at least one weft
2 thread has a sheath made of a polymer material and a core having higher tensile
3 strength than this sheath.
- 1 13. (Previously Presented) The press pad according to claim 12, wherein the core is
2 essentially made of metal.
- 1 14. (Previously Presented) The press pad according to claim 12, wherein the core is
2 essentially made of polyamide.
- 1 15. (Previously Presented) The press pad according to claim 12, wherein the warp has a
2 core that is essentially bunched or stranded from fibers.

3 16. (Previously Presented) The press pad according to claim 12, characterized in that at
4 least one type of thread is bunched or stranded from fibers.

1 17. (Previously Presented) The press pad according to claim 12, characterized in that at
2 least one type of thread of the warp includes a sheath made of a polymer material and
3 a core having higher tensile strength than this sheath.

1 18. (Currently Amended) A press pad with improved pressure compression having:

2 a warp; and

3 weft in communication with the warp; ~~and~~

4 wherein at least one of the warp and the weft includes an alternating pattern of at least
5 two types of threads of differing elasticities in the transverse to the thread axis, each
6 type of thread having at 1) a sheath that is an elastomer and has a high temperature
7 stability above 200 degrees Celsius, and 2) a core, wherein the core has a higher
8 tensile strength than the sheath, and

9 wherein a diameter of the sheath of the first type of thread is generally equal to a
10 diameter of the sheath of the second type of thread.

1 19. (Previously Presented) The press pad according to claim 18, wherein at least one
2 core is essentially made of polyamide.

1 20. (Previously Presented) The press pad according to claim 18, wherein at least one
2 core is essentially bunched or stranded from fibers.